

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6188 - L2 Version 5
Chandra X-Ray Center

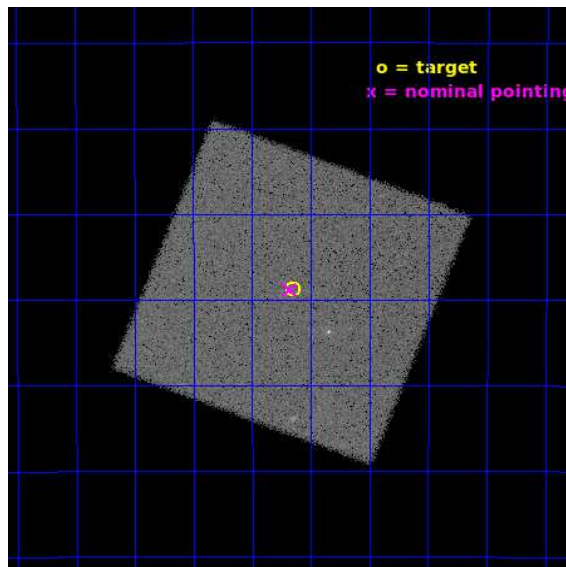
L2 Processing Date : Oct 8 2020

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

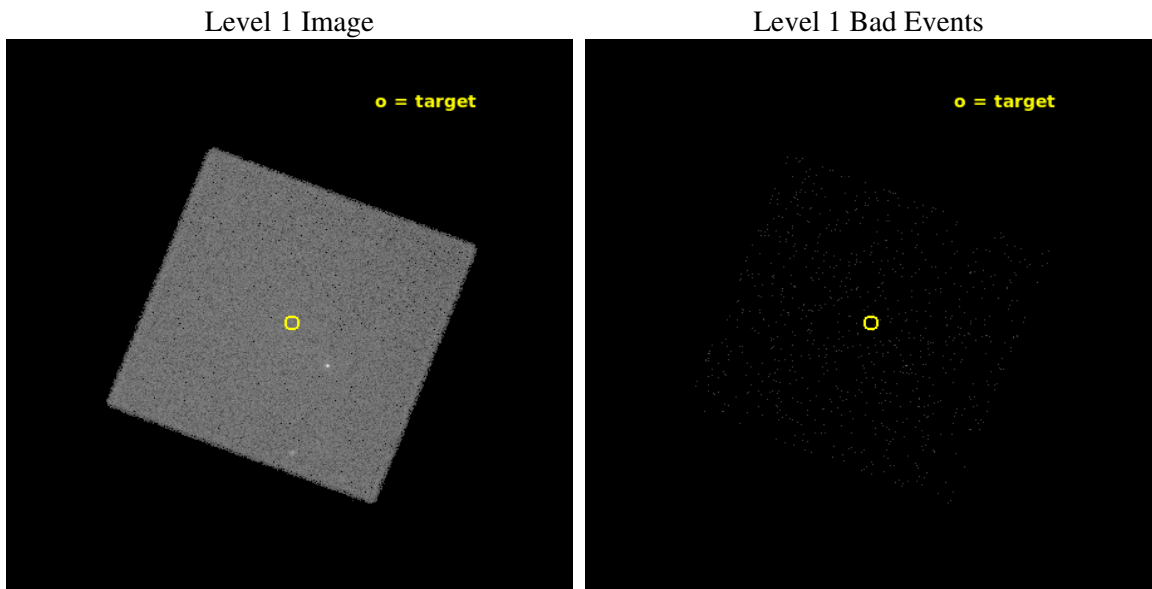
seq_num	400448	Sequence number
obs_id	6188	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Rudy Wijnands	Principal investigator
object	Galactic Center Survey	Source name
ra_targ	266.664167	Observer's specified target RA [deg]
dec_targ	-28.647222	Observer's specified target Dec [deg]
ra_nom	266.66970235796	Nominal RA [deg]
dec_nom	-28.647292889567	Nominal Dec [deg]
roll_nom	66.152908926588	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5119.8752336204	[s]
livetime	5083.7556545042	Ontime multiplied by DTCOR
l2events	194554	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	5119.8752336204	[s]
caldbver	4.9.2	 	l1events	368174	Number of level 1 events
date	2020-10-08T18:25:09	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

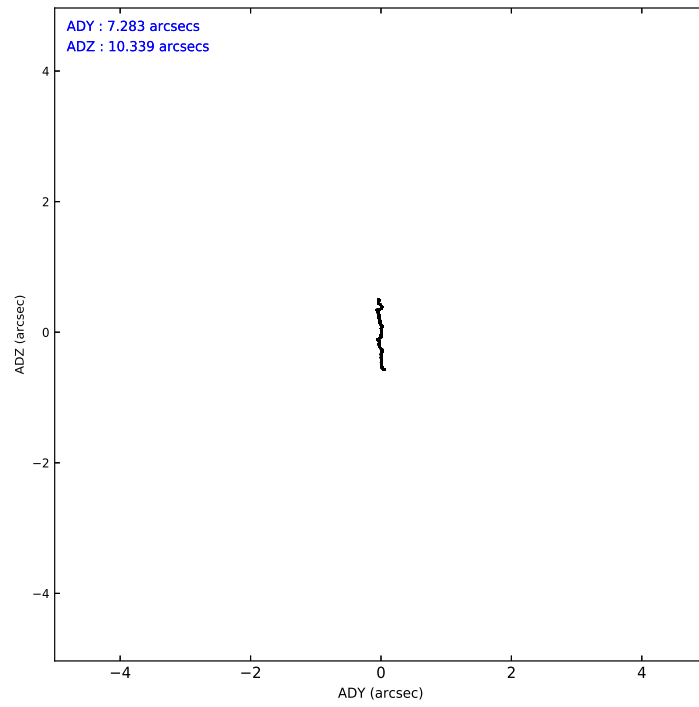
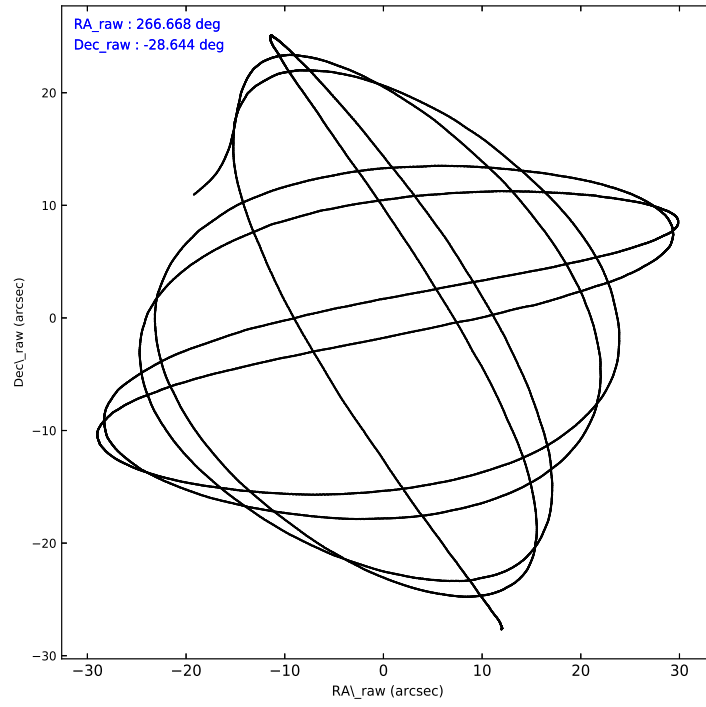
	segment 0
level 1 events	368174
rejected events	78775
rejected %	21%

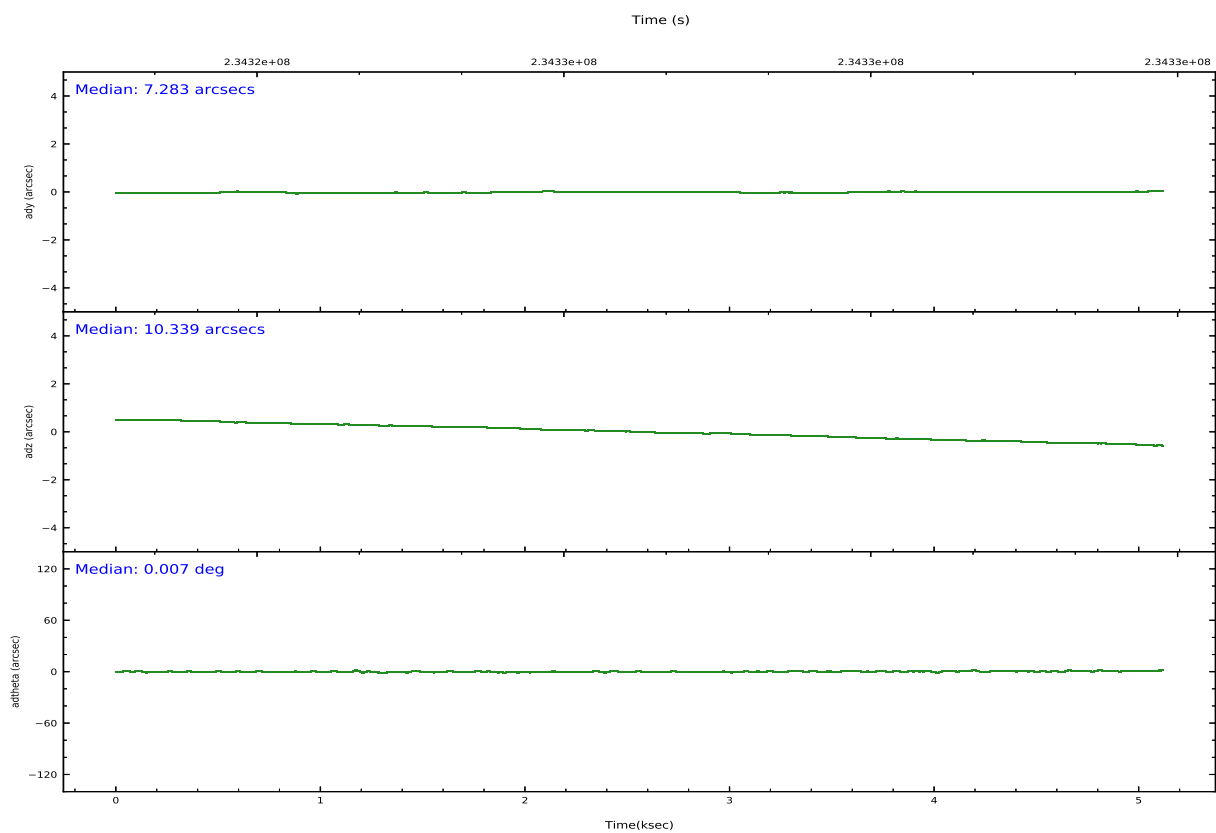
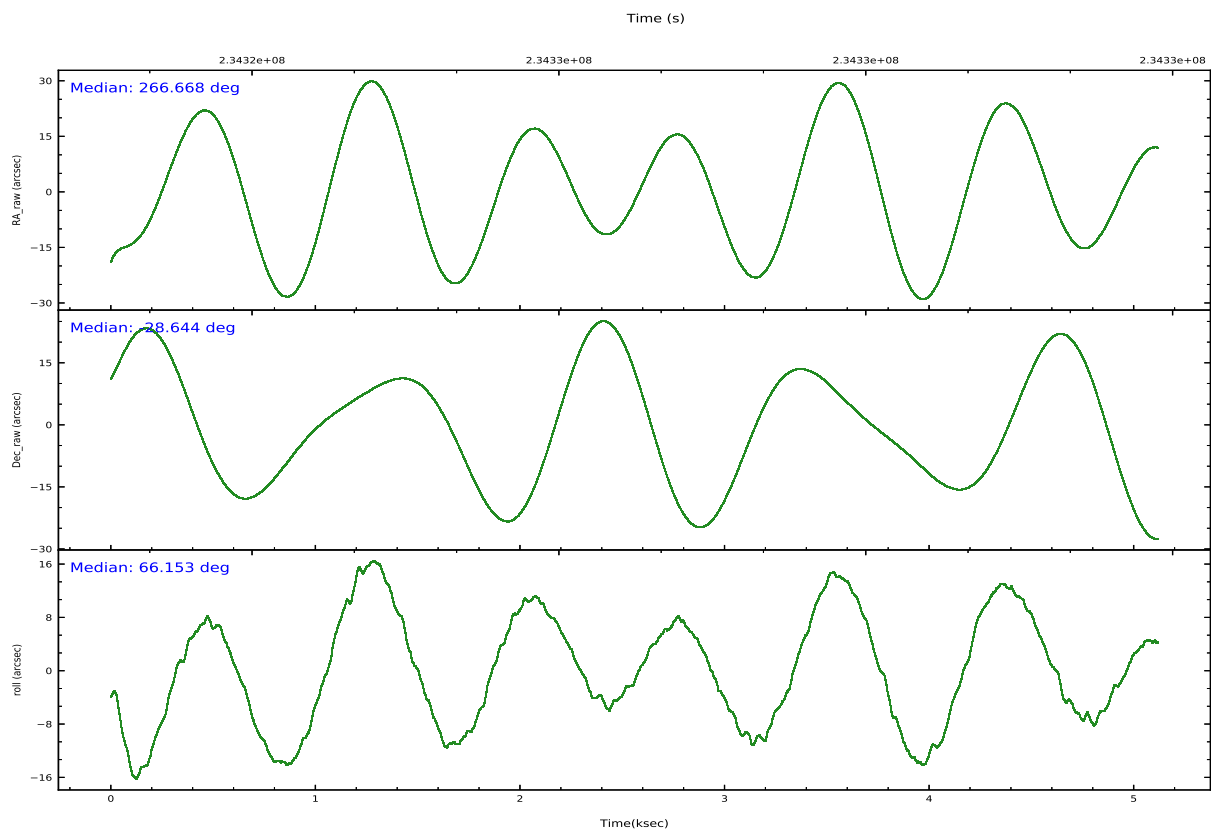
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	266.671640	266.66970235796
[deg] Pointing Dec	-28.671232	-28.647292889567
[deg] Pointing Roll	66.261867	66.152908926588
[s] Window start time (MET)	233971264.184000	233971264.184000
[s] Window stop time (MET)	236563264.184000	236563264.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	234324428.184000	234323077.95718
Observation start date	2005-06-05T02:06:04	2005-06-05T01:44:37
[s] Observation end time (MET)	234329428.184000	234329599.51998
Observation end date	2005-06-05T03:29:24	2005-06-05T03:33:19

Parameter	Planned	Actual
Obspar version number	8	8
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



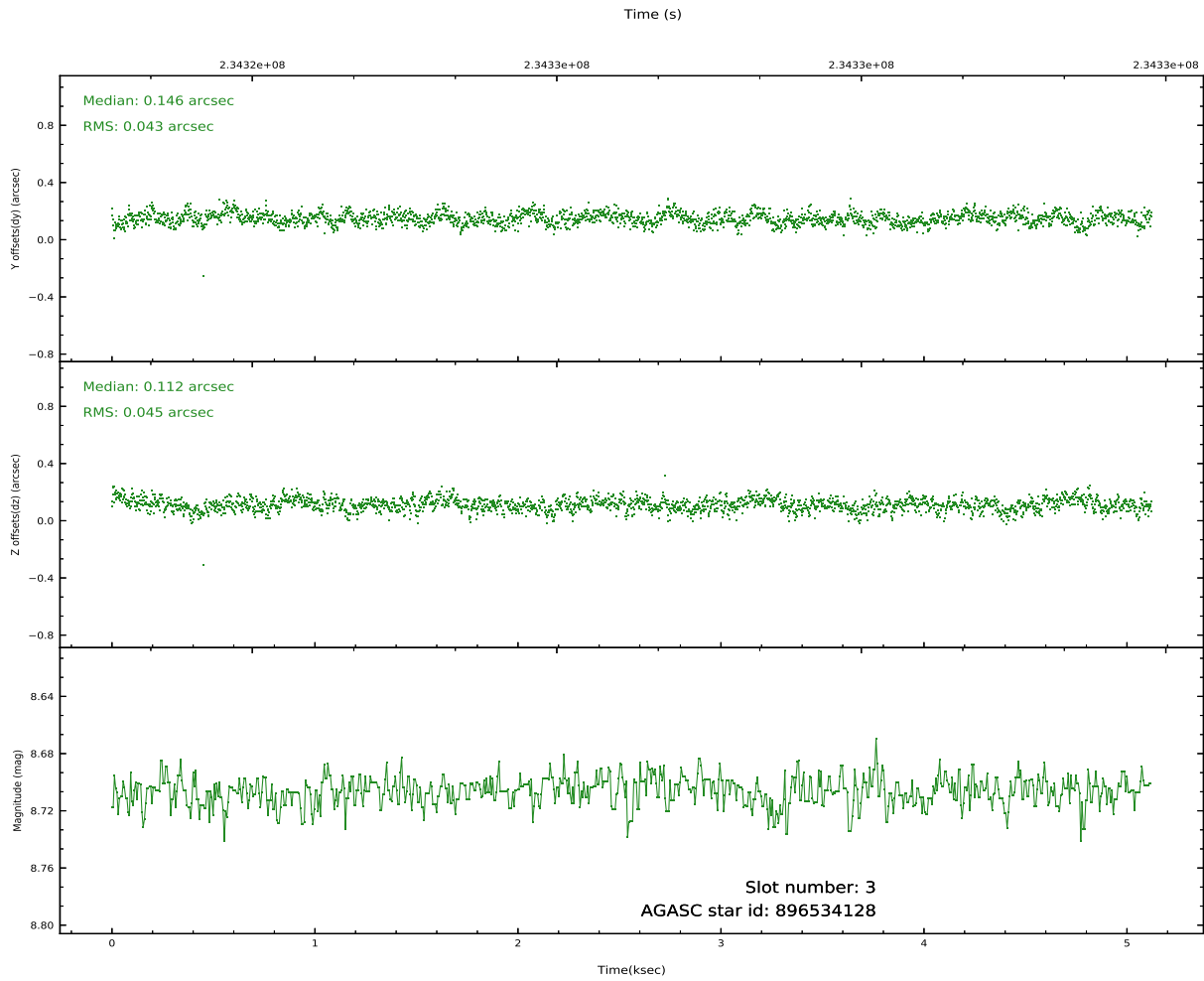
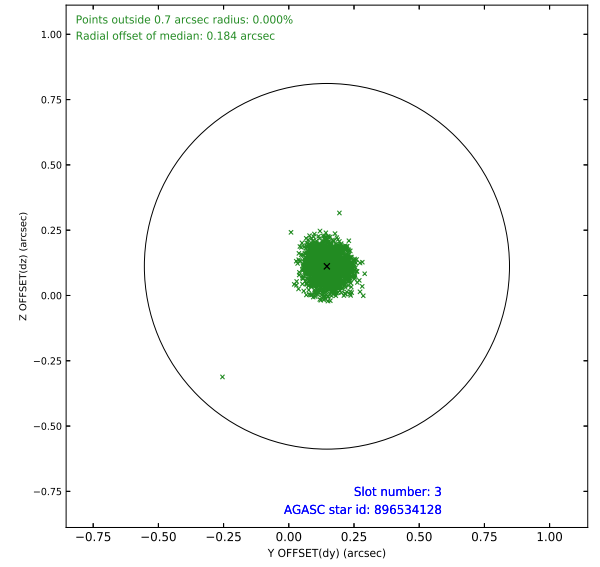
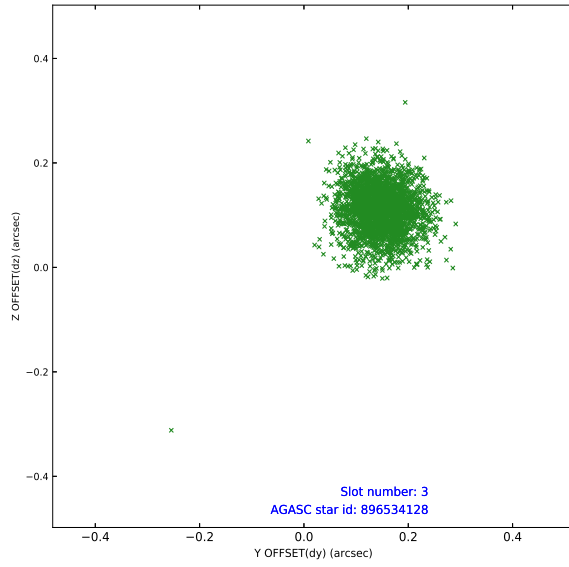


Slot Statistics

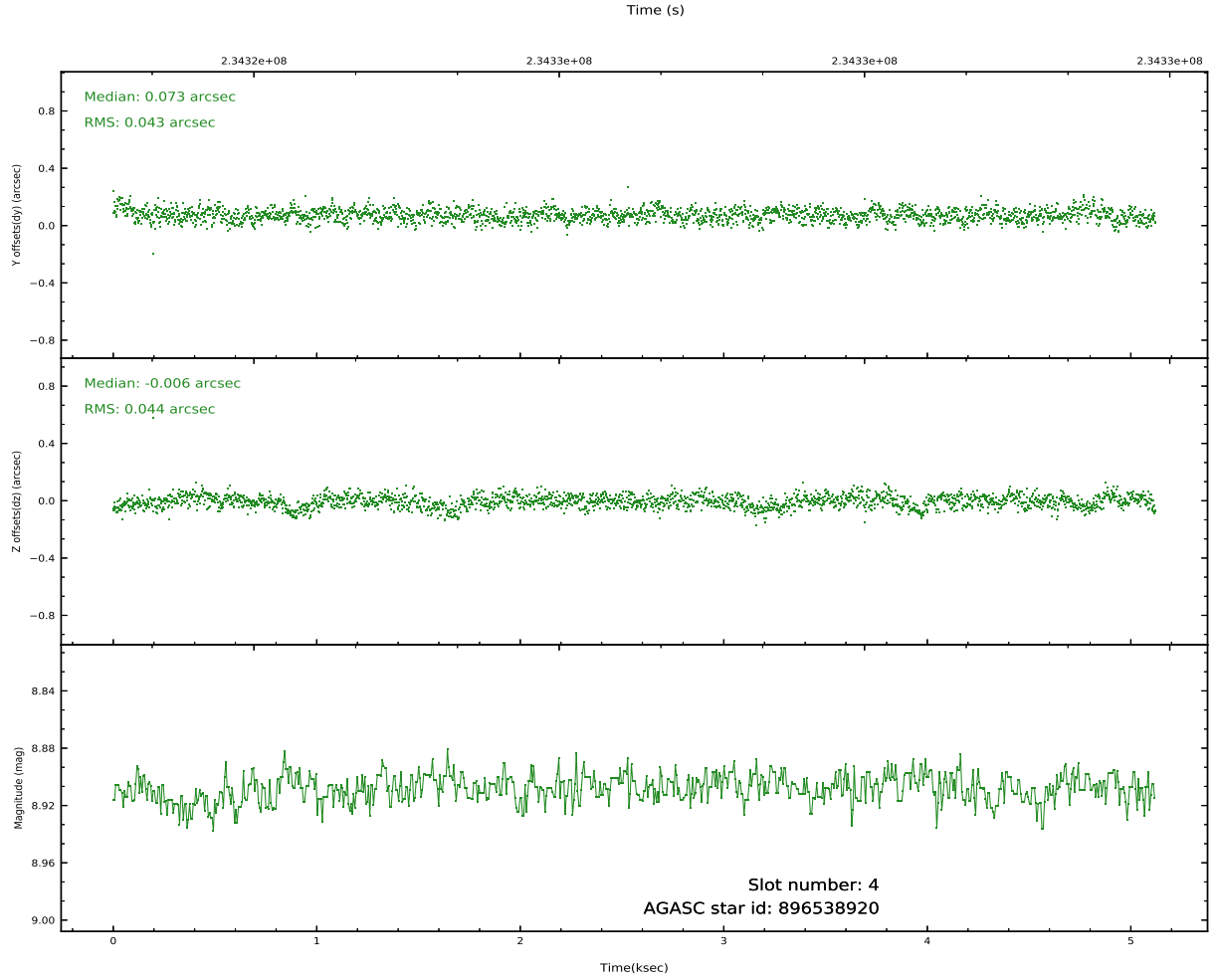
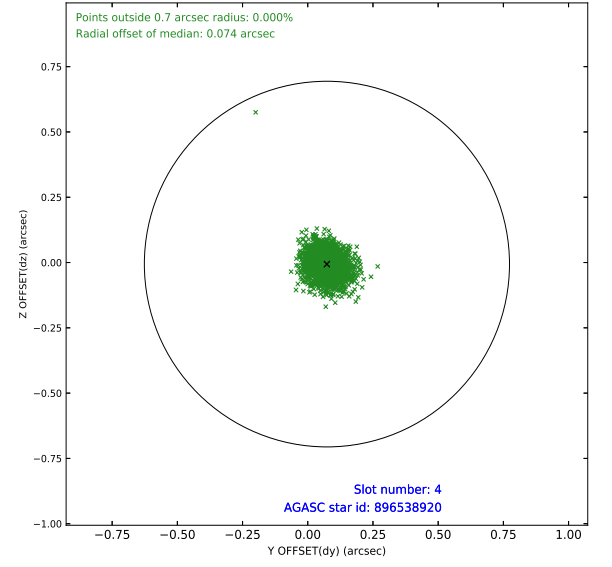
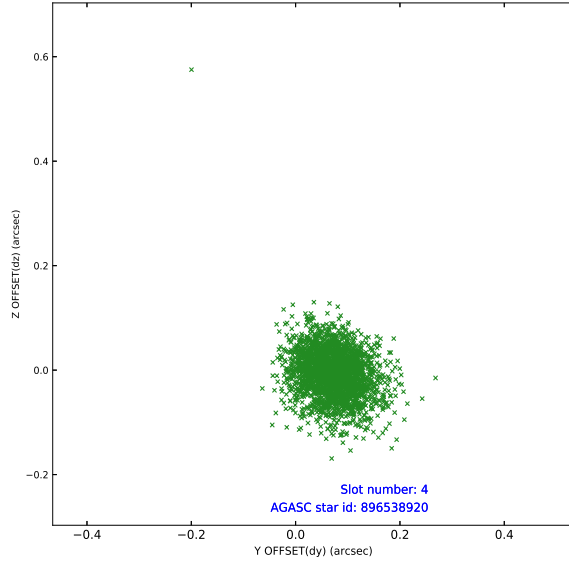
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	6.99	1249	1.000	-0.033	-0.000	0.015	0.023	0.000000	0.000000	-762.87	-1298
1	FID		HRC-I-2	7.03	1249	1.000	0.127	-0.053	0.008	0.014	0.000000	0.000000	849.31	-1300
2	FID		HRC-I-3	7.08	1250	1.000	0.025	-0.037	0.010	0.017	0.000000	0.000000	-1190.66	1005
3	GUIDE	used	896534128	8.71	2499	1.000	0.146	0.112	0.064	0.105	266.503837	-29.080853	-1563.01	-110
4	GUIDE	used	896538920	8.91	2499	1.000	0.073	-0.006	0.064	0.107	266.278728	-29.143592	-2056.84	445
5	GUIDE	used	896540888	7.92	2497	1.000	-0.092	0.097	0.056	0.093	267.212234	-28.246138	2086.23	-954
6	GUIDE	used	896538696	6.80	2499	1.000	-0.124	-0.185	0.045	0.073	266.298470	-28.325572	661.55	1581
7	GUIDE	used	896538208	7.96	2498	1.000	-0.004	-0.016	0.051	0.086	267.176969	-28.671626	638.04	-1462

2.4 Star Slots

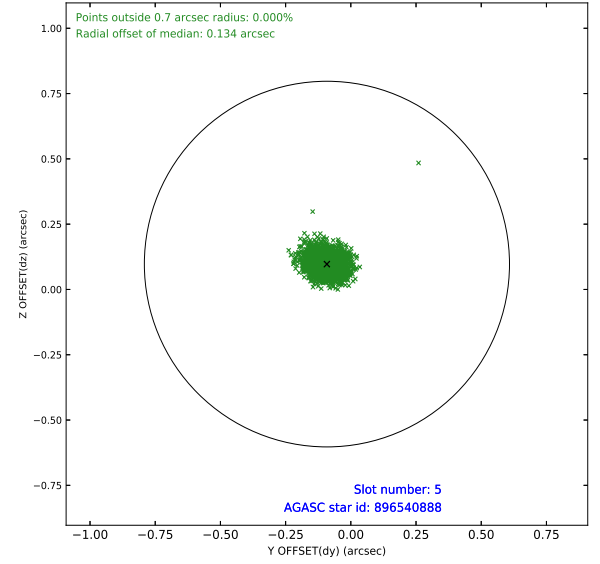
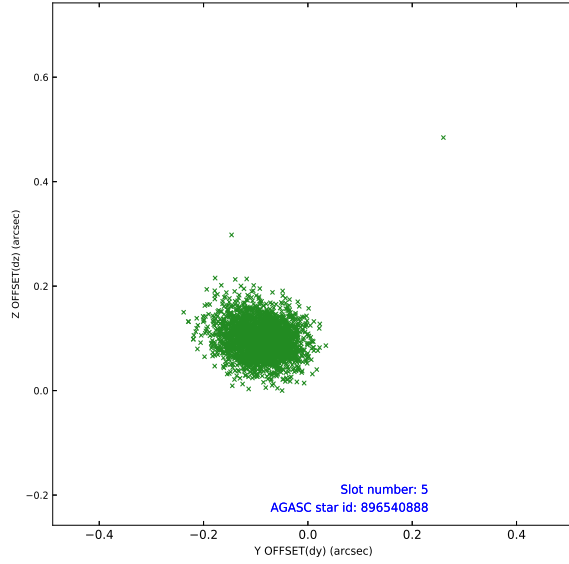
2.4.1 Slot 3



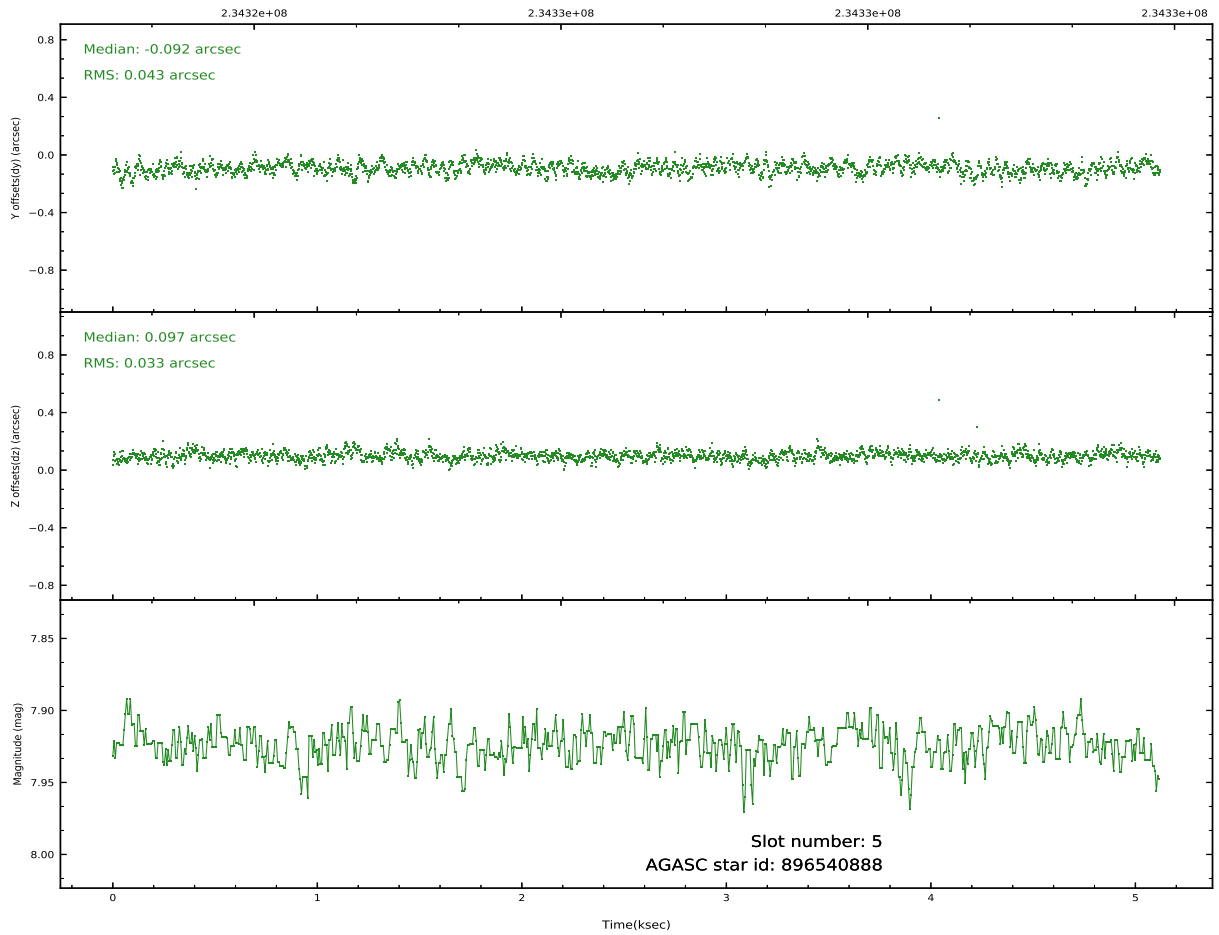
2.4.2 Slot 4



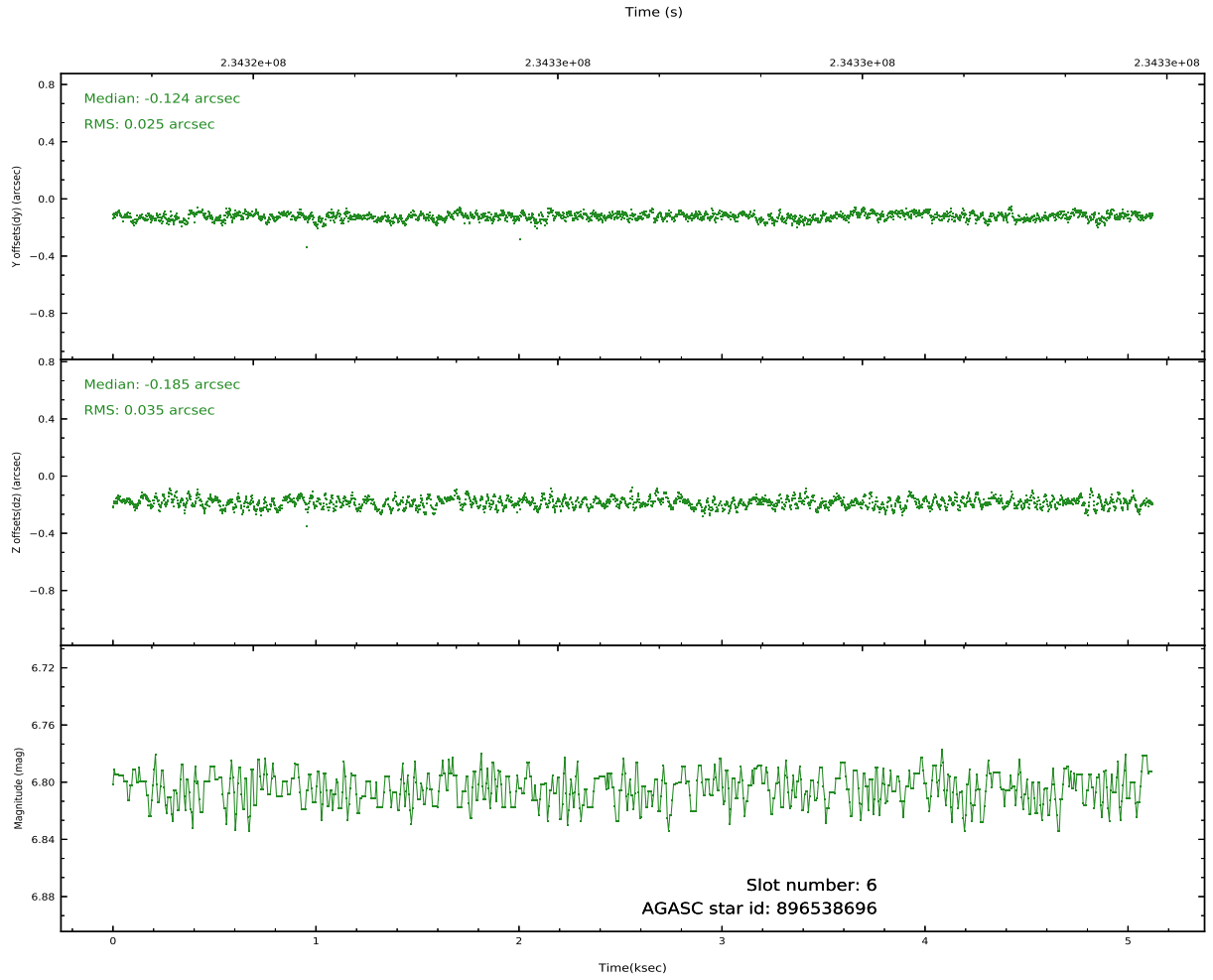
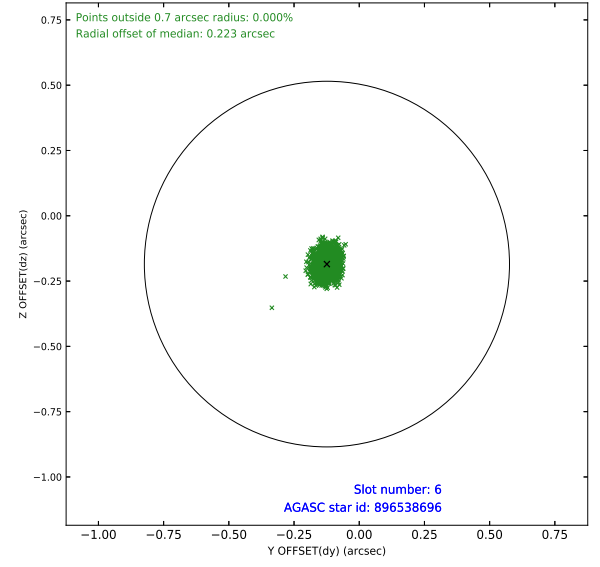
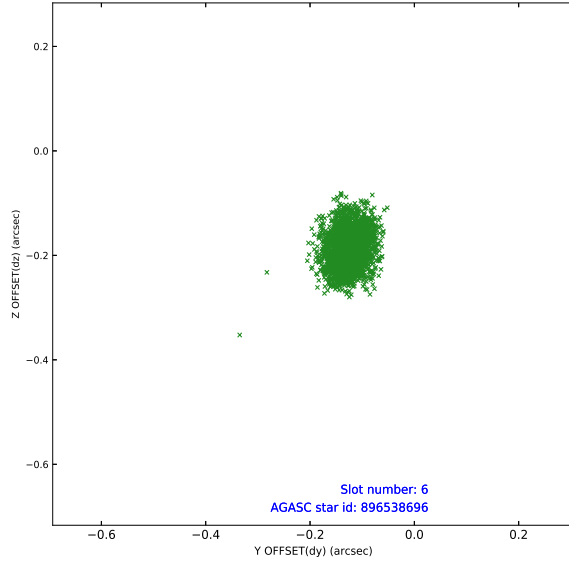
2.4.3 Slot 5



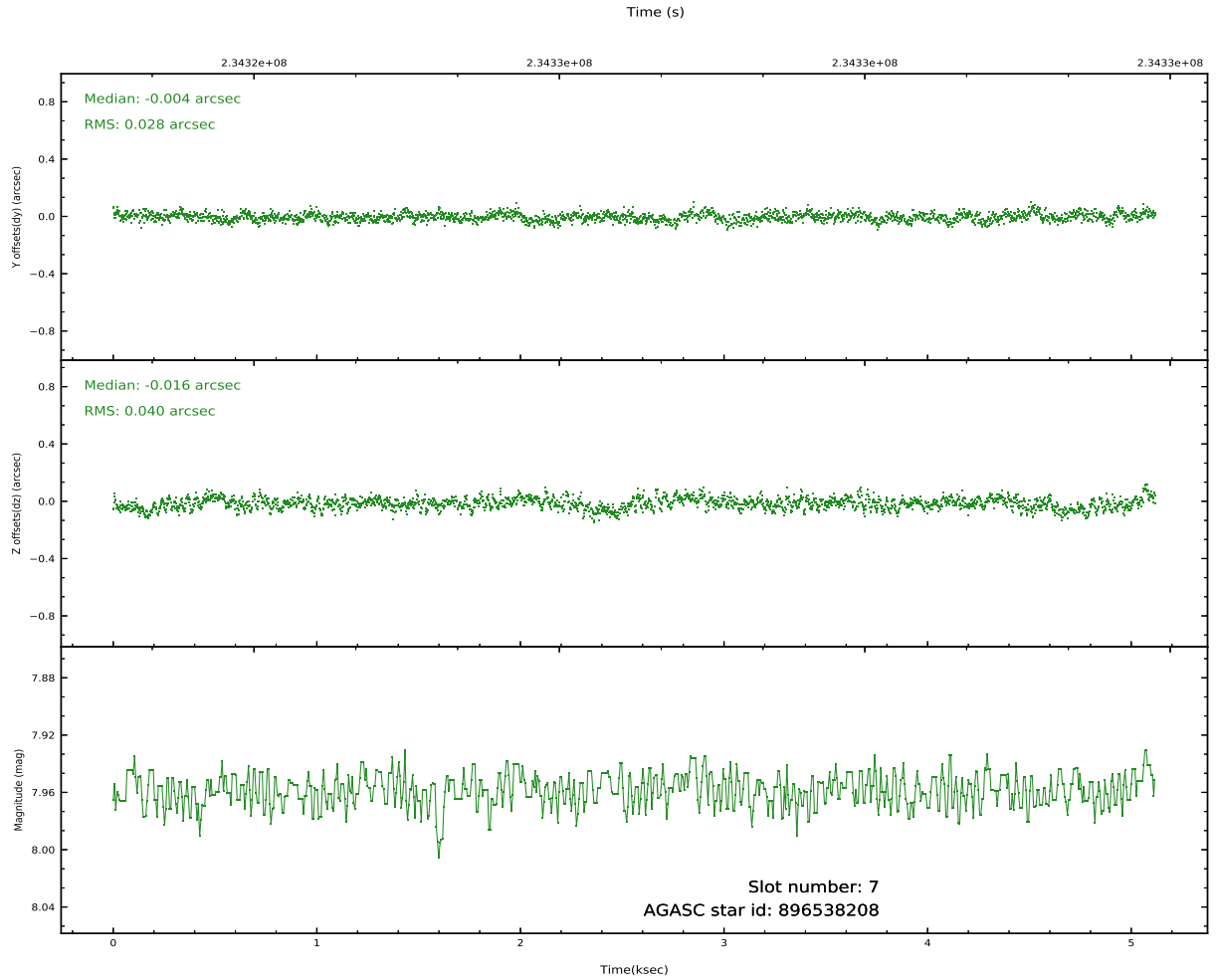
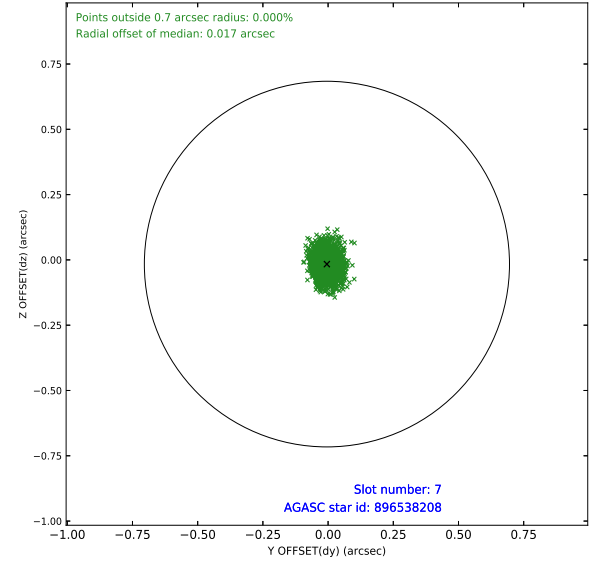
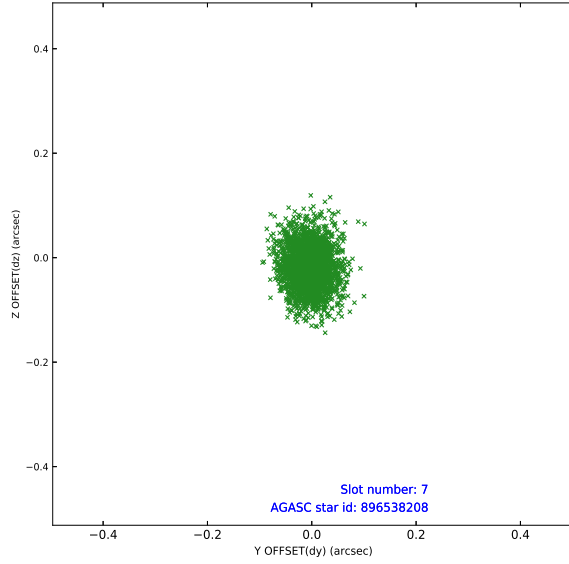
Time (s)



2.4.4 Slot 6

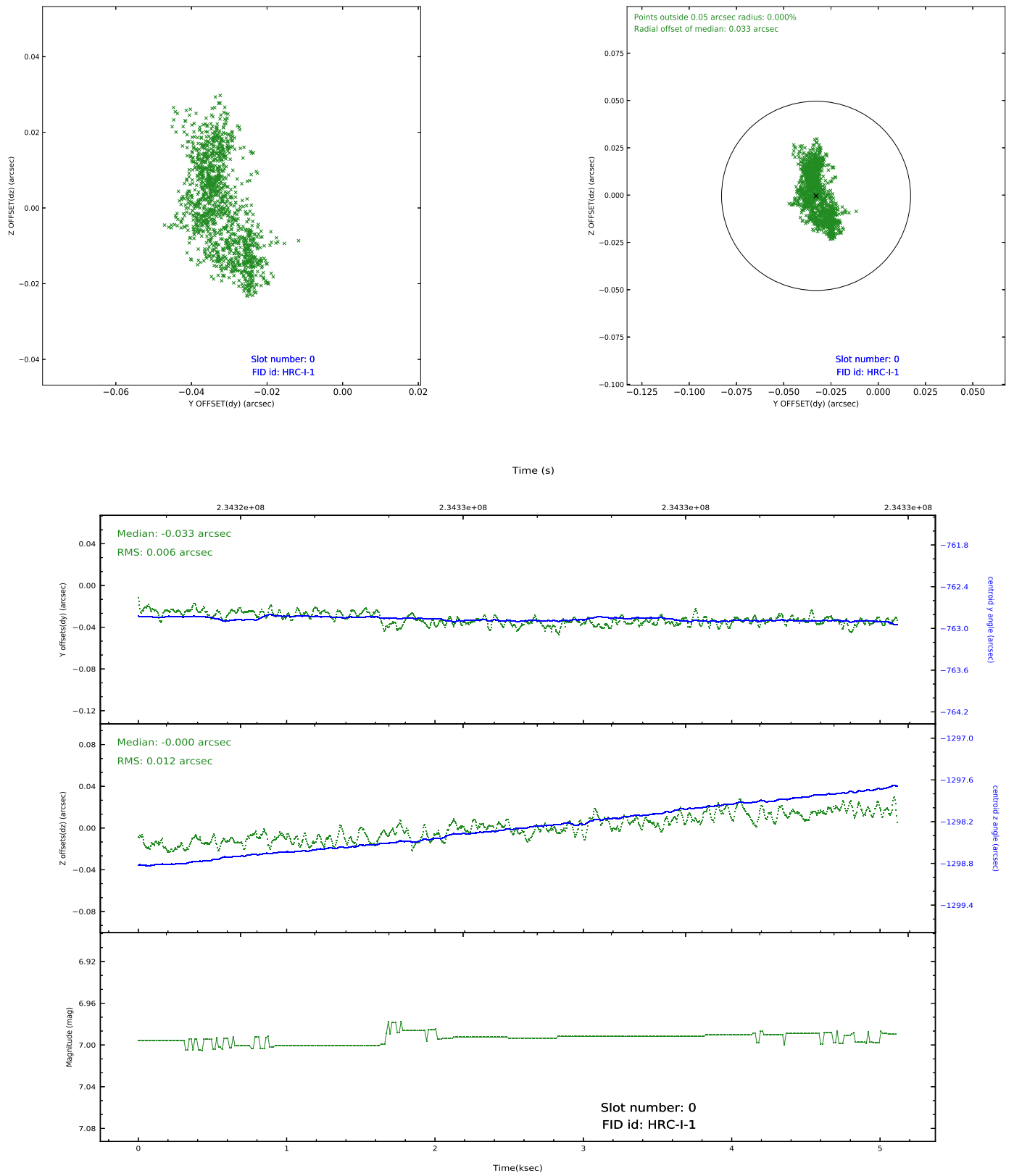


2.4.5 Slot 7

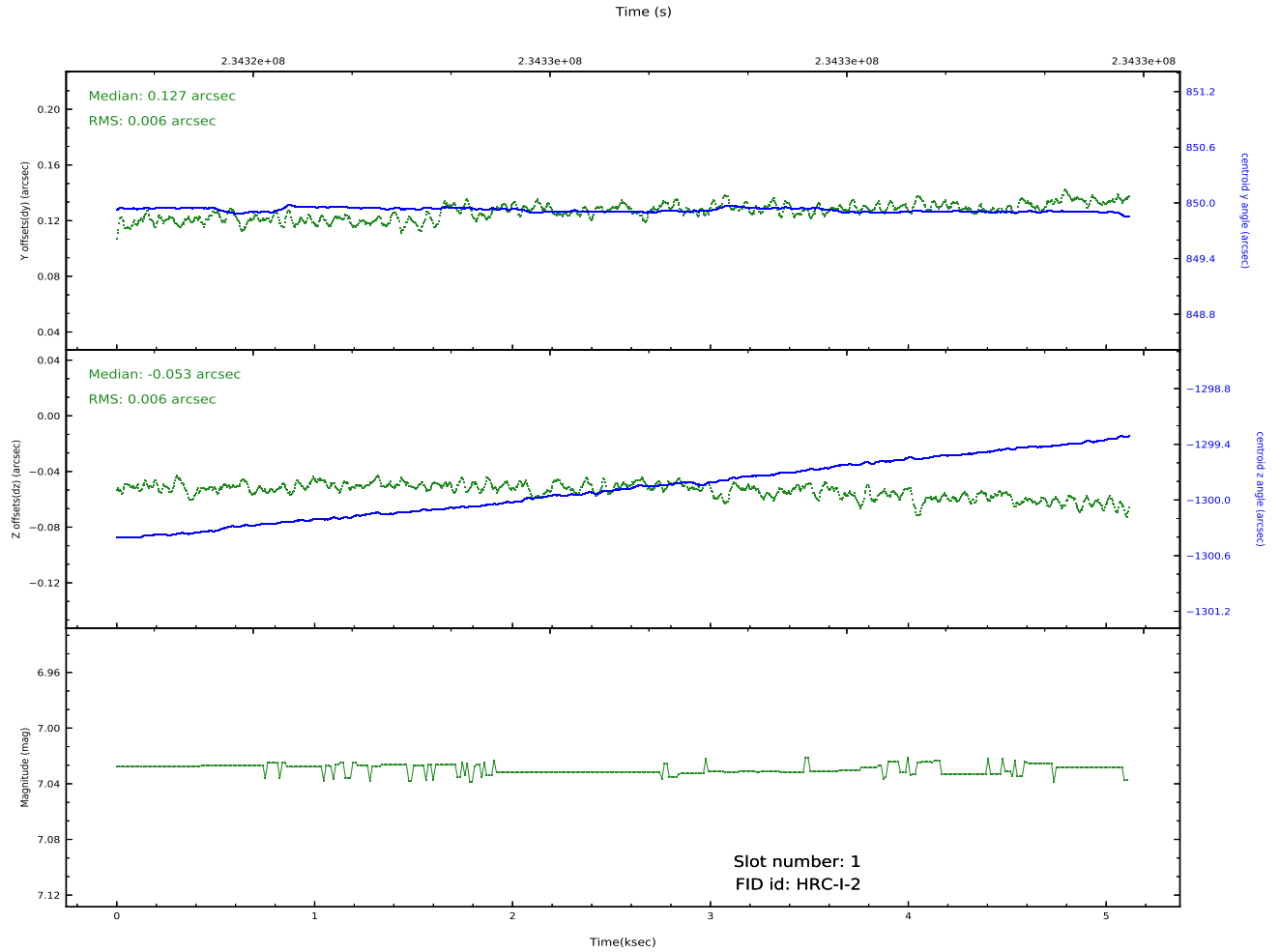
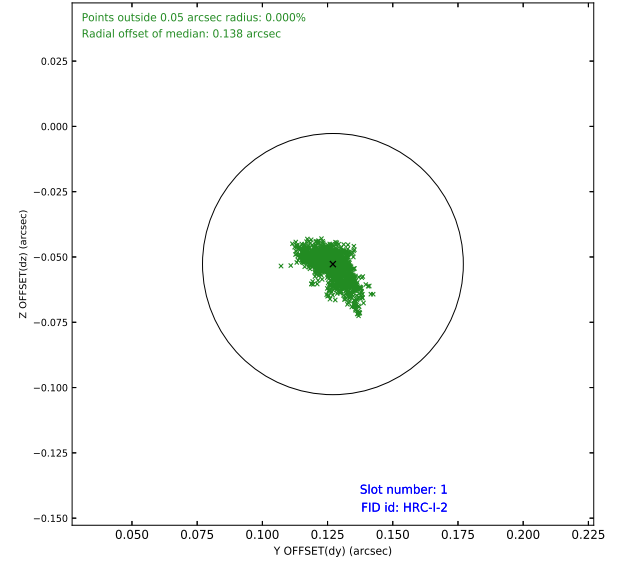
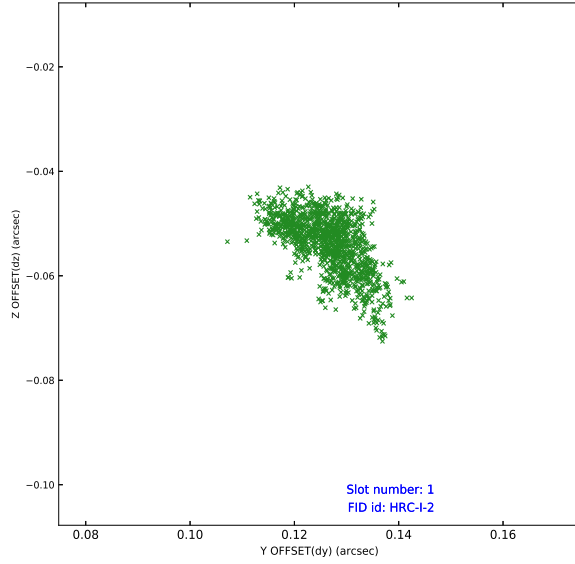


2.5 FID Slots

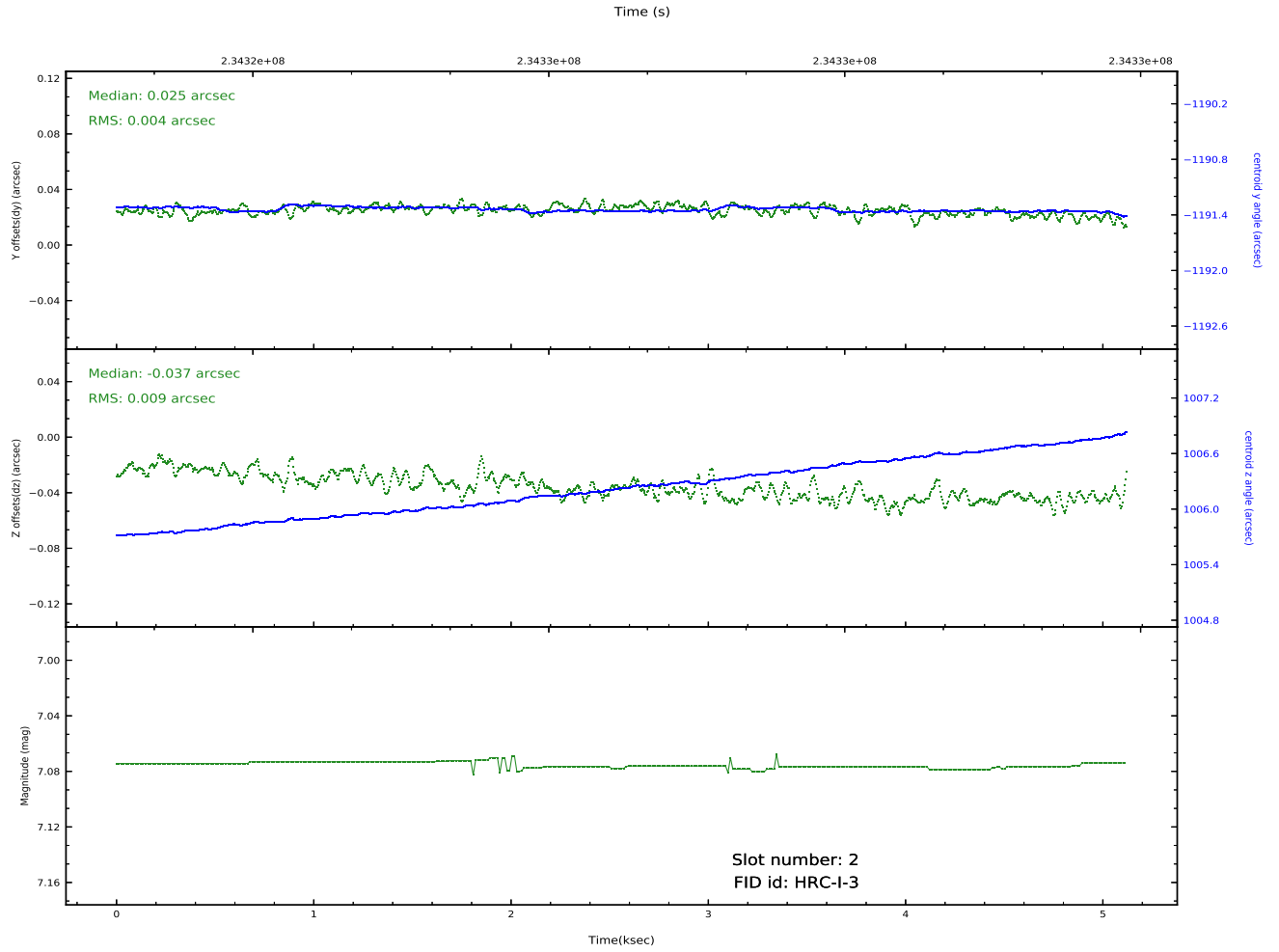
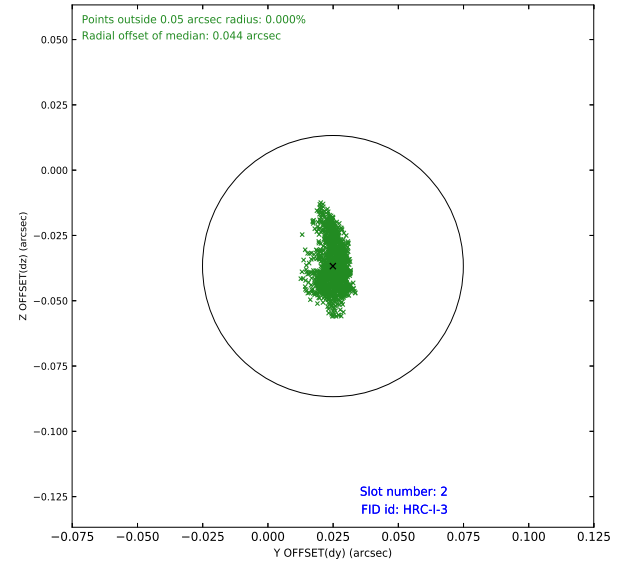
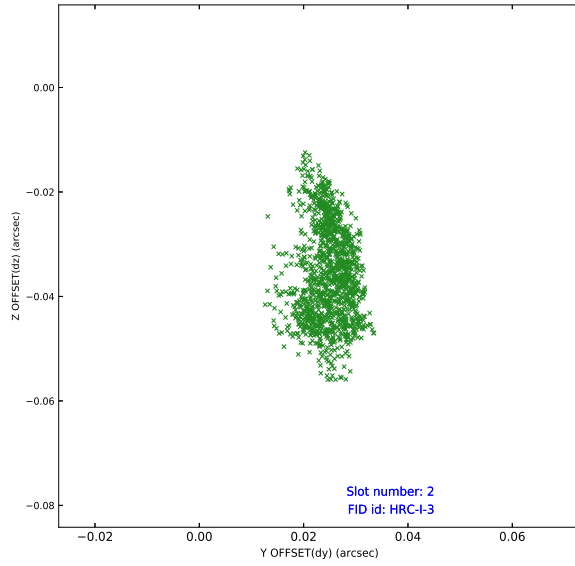
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.120131

A.2 Comments

Window constraint satisfied. Joint Proposal: CXO-XMM